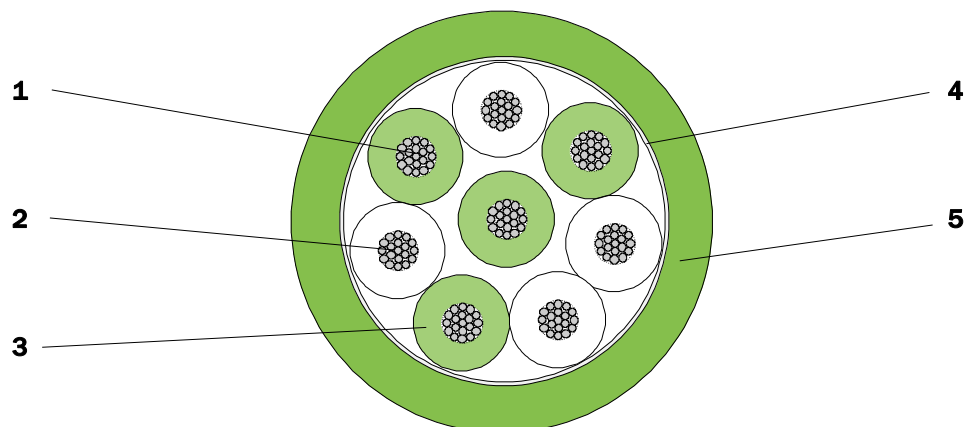




| Rep | Details of components                                                            | Dia.mm | Characteristics                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|----------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | (+) Conductor(KPX) : Chromel<br>0.12mm/45 Stranded wire.                         | 0.93   | <u>Electrical characteristics</u><br><br>E.M.F value : 4,096 $\mu V$ (100℃)<br>8,138 $\mu V$ (200℃)<br>Test Voltage : 1,000 Volts<br>Insulation Resistance : Min 200M $\Omega$ .km<br><br><u>General characteristics</u><br><br>Operating temperature : -40~200℃<br>Outside Diameter : 9.55 $\pm$ 0.5mm<br>Color Code for IEC 60584-3<br>Tolerance : $\pm$ 1.5℃ (from 0℃ ~ 200℃)<br>⇒ Special Class.1(IEC 60584-2) |
| 2   | (-) Conductor(KNX) : Alumel<br>0.12mm/45 Stranded wire.                          | 0.93   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3   | Insulation : Silicone Rubber<br>(+) Green , (-) White                            | 2.13   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4   | Binder Tape : PET or Al/Mylar                                                    | 7.15   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5   | Out Sheath : High strength<br>Silicone Rubber.(Green color)<br>Thickness – 1.2mm | 9.55   |                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|          |            |                      |            |             |             |
|----------|------------|----------------------|------------|-------------|-------------|
| D        |            |                      |            |             |             |
| C        |            |                      |            |             |             |
| B        |            |                      |            |             |             |
| A        | 2017.08.25 | Creation             |            |             | SB, Lee     |
| Revision | Date       | Contents of Revision | Revised by | Verified by | Approved by |